•		11.	RO					نسن								1		4	
FORM PTO-1449 WAR JU.S. DEPARTMENT OF PATENT AND TRADEM											ATTY. DOCKE	T NO.		Sheet1 SERIAL NO 358, 41	AL NO.				
		198.	3	. ś								/	APPLICANT	72662	l	2330743	585	<u>31</u>	
	CADE MAN												Moore, Zaffaroni Filing DATE 3/15/82			172 (5 3			
				-0.7		<u> </u>			1		U.S. P.	ATENT	DOCUMENTS	·		11219	7		
EXAMINER	,	00	CUI	4EI	N T	MUI	MB	ER	DATE			NAME CLASS			SUBCLASS	HE SIE	NG DATE		
,W	AA	4	2	6	2	0	Ţ	90	4/14/8	3 1 (Colb	יד, ע.	r. et al.				6/4/		
M,	AB	4	2	_	3	4	1	9	8/11/8	1			et al.		Manager and the		 	23/83	
m m	AC	4	2	-	7	2	╆┈	4	12/2/8	 		n et	Δ				1/4/		
JM	AD	4	2	-	3	6	-	2	10/6/8	+							 		
· ha/	AE	7	1	_	_	H	۲ <u> </u>	۲	10/10/18	+	Jones				-		10/6	781	
	AP		\dashv		L	_	-	-		┼					+	- 			
			\dashv	-	_		\vdash	Н		-					 		ļ		
	AG				_	\dashv	_			ļ					 	_			
	AH		4	4	\dashv	_	_	Ц		ļ					<u> </u>			<u>-</u>	
	Al		\downarrow	4								· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	····	ļ				
	AJ		\perp			_													
	Ŷĸ																		
	,									FO	REIGN	PATE	NT DOCUMENTS	i			γ		
		DOCUMENT NUMBER					88	R	DATE CO			ÇOU	NTRY CLAS			SUBCLASS	TRANSL	NO	
	AL		\perp																
	AM																		
	AN																		
	AO				T	T									ļ		· · · · · · · · · · · · · · · · · · ·		
	AP		1	1	1	7	7	7					· · · · · · · · · · · · · · · · · · ·					1	
		-				01	HI	ER	PRIOR ART	[(Inc	luding	Author,	Title, Date, Per	tinent Pa	goa, Etc.)		<u> </u>	 	
141			A	m	st	er	:	et	al. (198	0) N	ucle	ic Acids	Resea	cch <u>8</u> ,	2055-20	65.		
m	AR	Amster et al. (1980) Nucleic Acids Research 8, 2055-2065.																	
ay	AS		К	eı	mp	8		Со	wman (198	1) P	roc.	Nat. Aca	d. Sci	i. USA	78, 452	0-452 / / /	4.	
	}	\dashv																	
m	AT	\dashv	<u>.</u>	∪ €	=u	ue —	. 1	e ·	1	(19)	5U)]	NUCI	eic Acids	Resea	rch, <u>8</u>	, 4057-4 /#	1074.		
EXAMINER		A:			lh	A	S		 				DATE CONSIDER	26/83	(E			,	
*EXAMINE	R: Inl	tial i	f re	o fo	re n	co lore	cor	na id	lered, wheth	ner or	not cit	ation is	in conformance	with MPE	P 609; Dra	آر iw line through	h citation	If not	

FORM PTO-1449 (REV. 7-80) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. 1420L APPLICANT Moore, Zaffaroni FILING DATE GROUP 3/15/82 172-U.S. PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE INITIAL AA AB AC AD ΑE AF AG AH AI AJ AK FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO AL AM AN AO OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Land et al. (1981) Nucleic Acids Research $\underline{9}$, 2251-2266 AR Okayama & Berg (1982) Molecular & Cellular Biology $\underline{2}$, 161-170. AS Early & Hood (1981) Genetic Engineering 3, 157-188 AT EXAMINER DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not

in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-398 B

												Sheet3	of _	4	
FORM PTC (REV. 7-80						F	U.S.	DEPARTM ENT AND T	ENT OF COMMERCE	ATTY. DOCKET NO. SERIAL NO. 358.414 65055					
٠.,	and a final state of the state									1420L 358,414 558557 APPLICANT Moore, Zaffaroni					
										FILING DATE	ronı	T GROUP			
										3/15/82	172				
	τ								U.S. PATENT	DOCUMENTS	η	· · · · · · · · · · · · · · · · · · ·	T		
*EXAMINER	`	00	DOCUMENT NUMBER					DATE		NAME	CLASS	SUBCLASS	FILIN IF APPR	OPRIATE	
· · · · · · · · · · · · · · · · · · ·	AA	<u> </u>				\perp	Ш	<u></u>							
	AB														
	AC														
	AD														
	AE				\dagger	1-		· · · · · · · · · · · · · · · · · · ·			 				
	ĄF			T	\dagger	\dagger	\prod								
	AG		\Box	+	\dagger	\dagger	\prod								
	AH		1	+	+	†	H	-			 				
	AI		\top	_	\dagger	+	H						<u> </u>		
	LA		\dagger	+	\dagger	+				on and the second consequence of the second	 				
	AK		\dashv	+	+	+						_			
	L			<u> </u>	1_	<u></u>	Ш		FOREIGN PATER	IT DOCUMENTS	<u> </u>				
									cou	INTRY CLASS SUBCLASS TRANSLATION					
	AL	· ·	T	Τ	Τ	П	\sqcap	**** L			 		YES	NO	
	AM	\dashv	+	+	+		\forall							<u> </u>	
	AN		+	+	╁	H	-				ļ			<u> </u>	
	AO		+	+	+	H									
	AP		+	-	╁	H	+								
	A F				_	THI	ER I	PRIOR AR	T (Including Author.	Title. Date. Pertinent Pa	øes. Etc				
Wallace et al. (1980) Science 209, 1396-1400.															
M	AR							<u> </u>	(1700) 3016	14 /4	1400.				
	AS		Hutchinson et al. (1978) J. Biol. Chem. <u>253</u> , 6551-6560.												
gm	14														
M	AT		R	os.	em	b1	at	t et a	1. (1978) B	iochemistry <u>17</u>	, 3877	-3882			
								11							
EXAMINE	R	Go	341	S	4	st.				DATE CONSIDERED 4/26/83		(17)			
	:R: In	itial	if ra	fara	nce	C 01				in conformance with MPE xt communication to appli		raw line through	citation	if not	

										Sheet <u>4</u> of <u>4</u>						
	FORM PTO-1449 U.S. DEPARTMENT OF COMMERCINE V. 7-49) PATENT AND TRADEMARK OFFIC							DEPARTME	ENT OF COMMERCE	ATTY. DOCKET NO. SERIAL NO.						
Specification of the second of										! APPLICANT						
										Moore, Zaffaroni						
										3/15/82	GROUP 172					
									U.S. PATENT	·						
·EXAMINER INITIAL					TN	UMB	EA	DATE		NAME	CLASS	SUBCLASS	FILING DATE			
	AA															
	AB															
	AC						П									
	AD															
	AE					1										
	AF			\top			П									
	ĄG		П		T	1	П									
	AH				T					·				***************************************		
	Al			T												
	A.J															
	AK					T										
									FOREIGN PATER	IT DOCUMENTS			h			
		DQ(CUM	ENT	NU	MBE	Z A	DATE	cou	NTRY	CLASS	SUBCLASS	TRANSL	NO		
	AL															
	AM															
	AN															
	AO															
	AP															
	·				0	HTC	ER	PRIOR ART	(Including Author,	Title, Date, Pertiner	it Pages, Etc.)					
N/A-	AR	_	Sharon et al.(1976) Biochemistry, <u>15</u> , 1591-1594.													
\(\frac{1}{2}\)		_				, .					• ,			·		
	AS -															
		-								·						
	AT							· · · · · · · · · · · · · · · · · · ·								
EXAMINER	•	1			<u></u>	+	·//	/		DATE CONSIDERED	2	(8)				
		Fr.		M	lly	10	<u> </u>			4/20/87		(U)				
*EXAMINE In confort	R: In	itial and	if re not	fere Cons	nce ide	e co ered.	nsid . In	lered, wheth clude copy	er or not citation is of this form with no	in conformance with at communication to	MPEP 609; Di applicant.	aw line through	s citation	if not		